IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Jim JANNES et al.

Application No.: 10/589,735 Confirmation No.: 9837

Filed: August 17, 2006 Art Unit: N/A

For: MUTATION ASSOCIATED WITH LACUNAR

STROKES

Examiner: Not Yet Assigned

AMENDMENT

Commissioner for Patents P.O. BOX 1450 Alexandria, VA 22313-1450

Sir:

In response to the Notification to Comply with Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures mailed May 7, 2007, the following amendments and remarks are respectfully submitted in connection with the above-identified application.

This Reply includes:

- -Amendments to the Specification begin on page 2 of this paper.
- -Amendments to the Sequence Listing begin on page 4 of this paper.
- -Remarks/Arguments begin on page 5 of this paper.
- -An **Appendix** including the paper and CRF disk copy of the Sequence Listing is attached following page 6 of this paper.